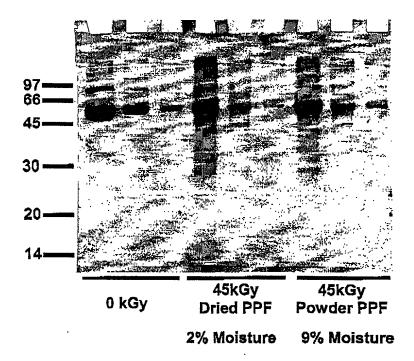
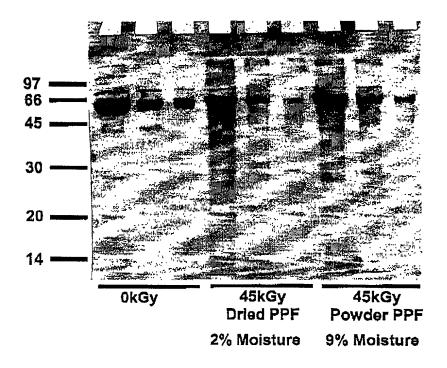
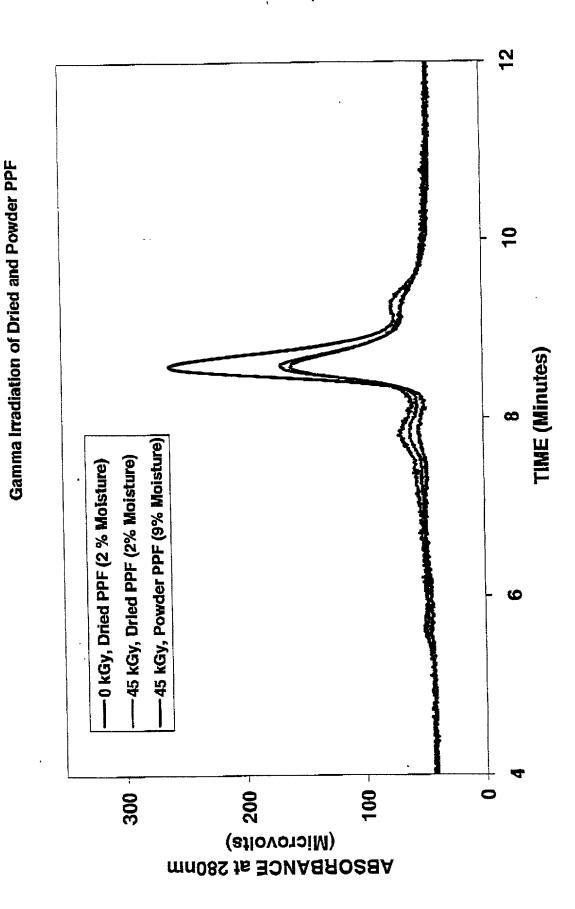
### Gamma Irradiation of Dried and Powder PPF

### Nonreduced, 12.5%

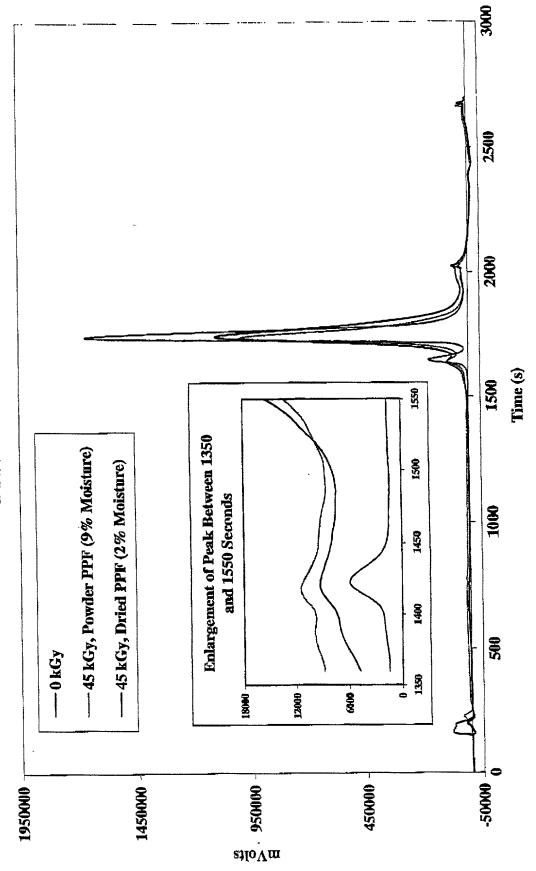


**Reduced, 12.5%** 

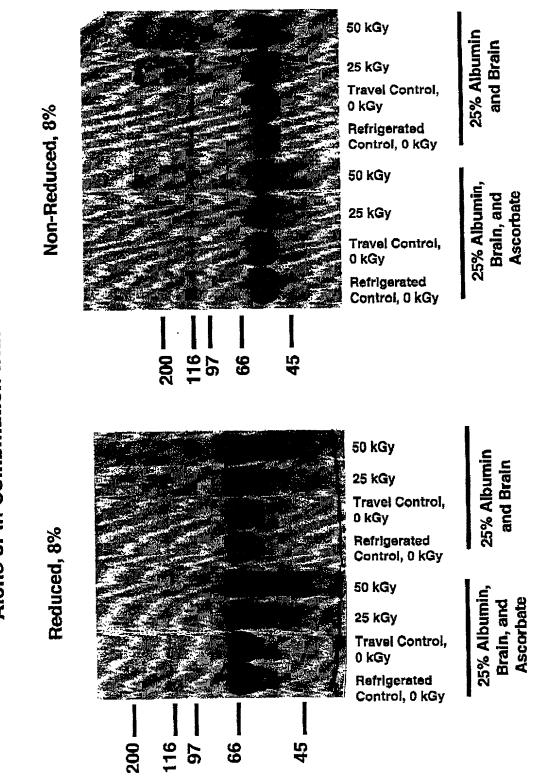




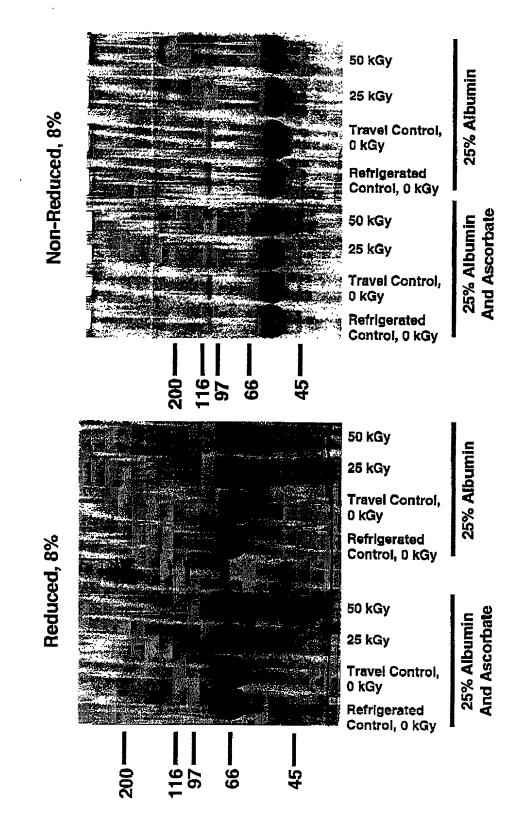
Gamma Irradiation of Dried and Powder PPF



and 50 kGy) of 25% Albumin in the Presence of Brain Gamma Irradiation (to 25 Alone or in Combination with 200 mM Ascorbate



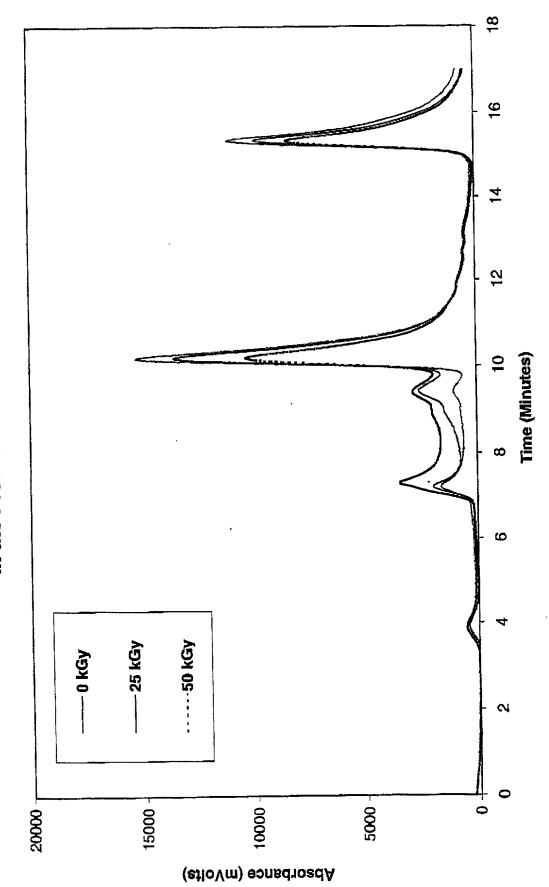
Gamma Irradiation (to 25 and 50 kGy) of 25% Albumin in the Presence or Absence of 200 mM Ascorbate



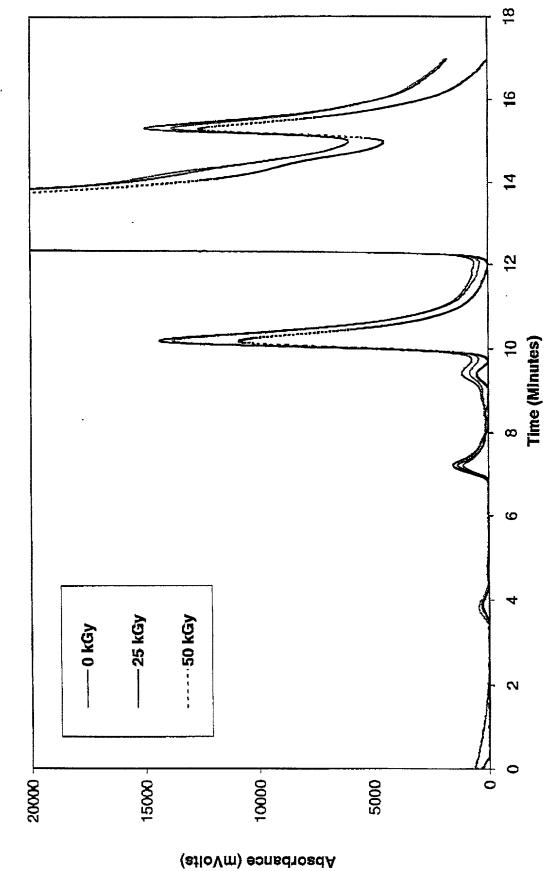
Gamma Irradiation of 25% Albumin in the Presence

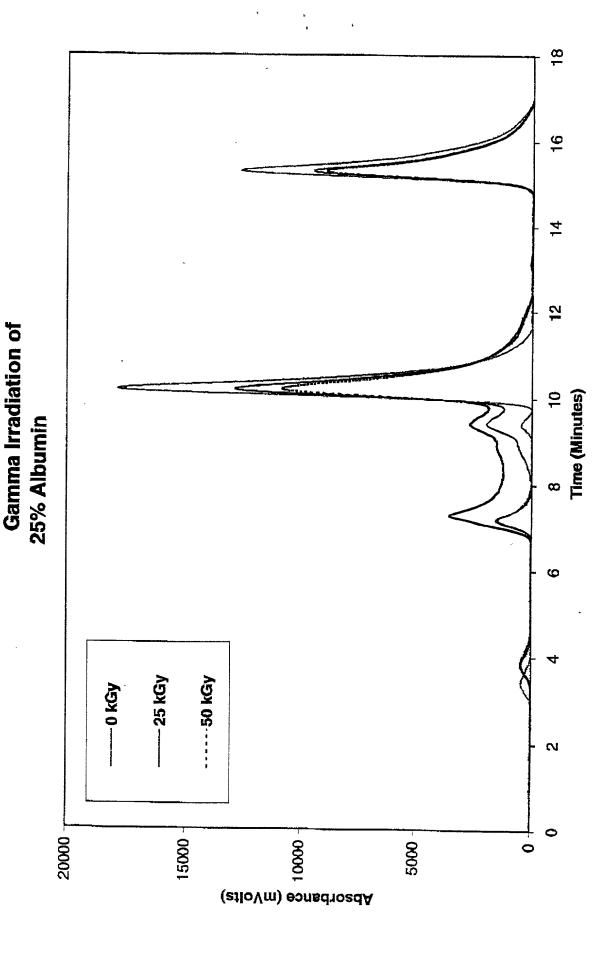
18 9 4 12 of Brain and 200 mM Ascorbate 10 Time (Minutes) ဖ -25 kGy -----50 kGy -0 kGy 0 20000 15000 5000 10000 Absorbance (mVolts)

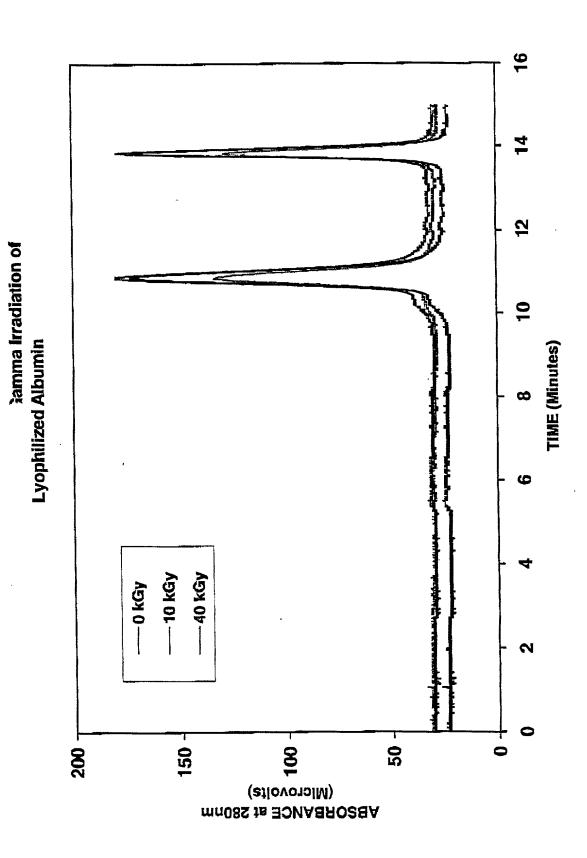
Gamma Irradiation of 25% Albumin in the Presence of Brain

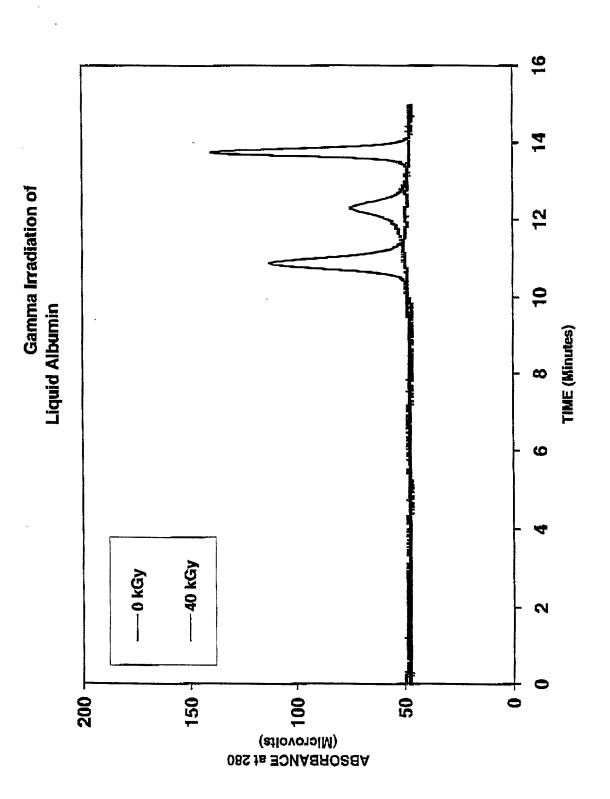


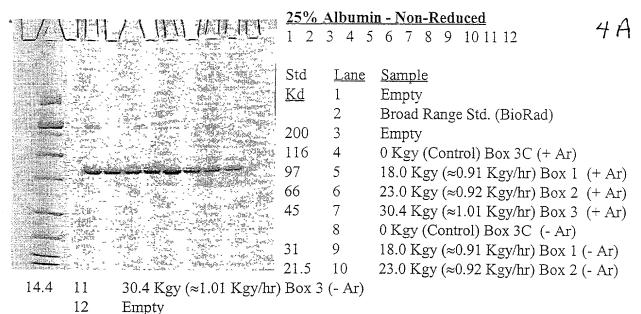
Gamma Irradiation of 25% Albumin in the Presence of 200 mM Ascorbate











### 25% Albumin - Reduced

4B

1 2 3 4 5 6 7 8 9 10 11 12

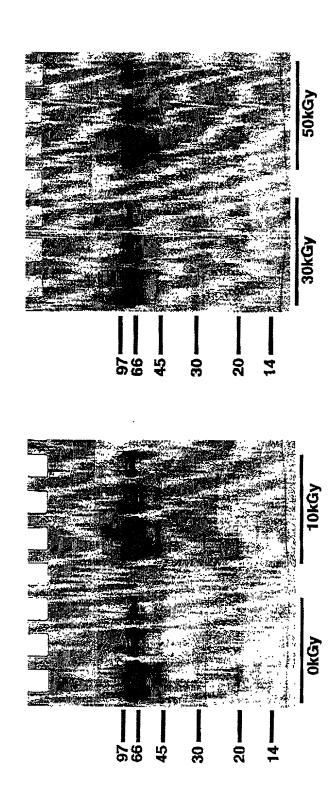
	Std	Lane	Sample
	<u>Kd</u>	1	Empty
		2	Broad Range Std. (BioRad)
200000	200	3	Empty
2000 James	116	4	0 Kgy (Control) Box 3C (+ Ar)
	97	5	18.0 Kgy (≈0.91 Kgy/hr) Box 1 (+ Ar)
	66	6	23.0 Kgy (≈0.92 Kgy/hr) Box 2 (+ Ar)
	45	7	30.4 Kgy (≈1.01 Kgy/hr) Box 3 (+ Ar)
		8	0 Kgy (Control) Box 3C (- Ar)
	31	9	18.0 Kgy (≈0.91 Kgy/hr) Box 1 (- Ar)
	21.5	10	23.0 Kgy (≈0.92 Kgy/hr) Box 2 (- Ar)

14.4 11 30.4 Kgy (≈1.01 Kgy/hr) Box 3 (- Ar)

12 Empty

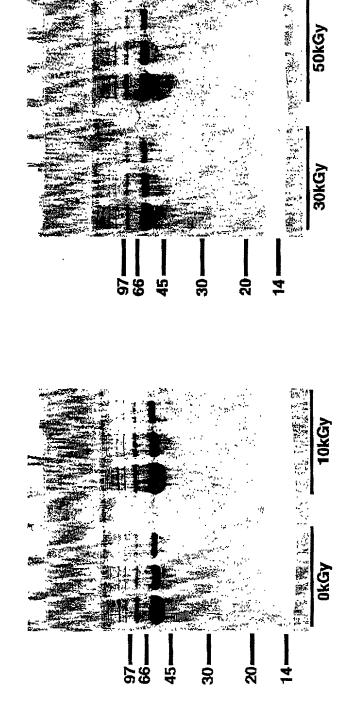
Gamma frradiation of Powder PPF at -20°C

Reduced



## Gamma Irradiation of Powder PPF at -20°C

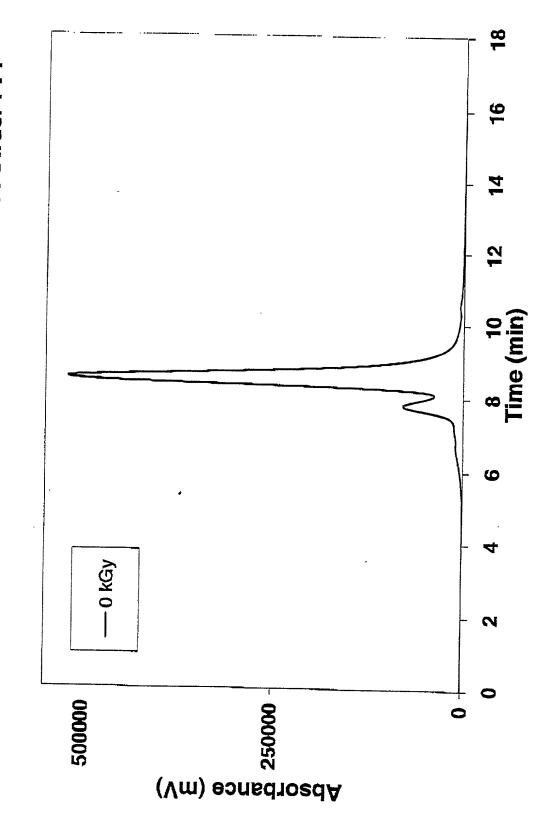
### Nonreduced



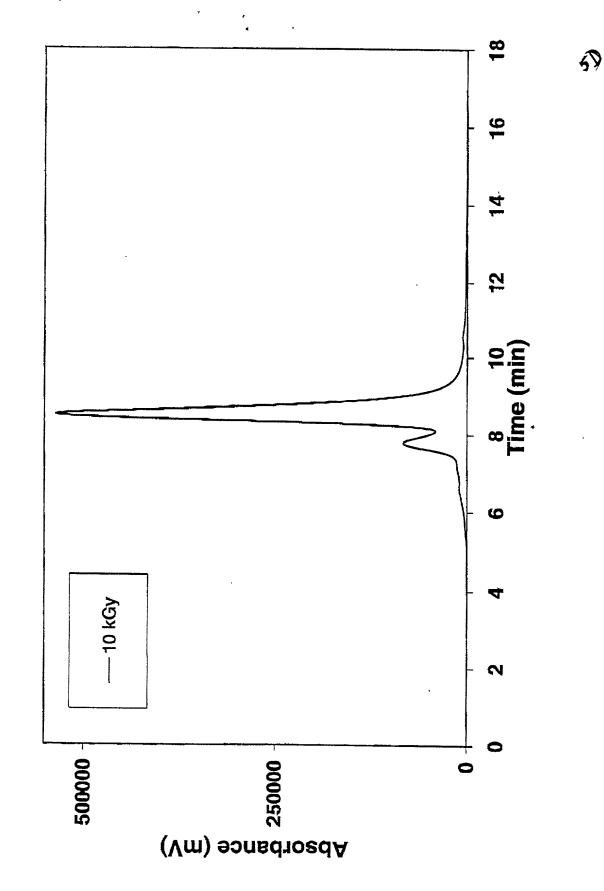
50kGy



Gamma Irradiation of Powder PPF

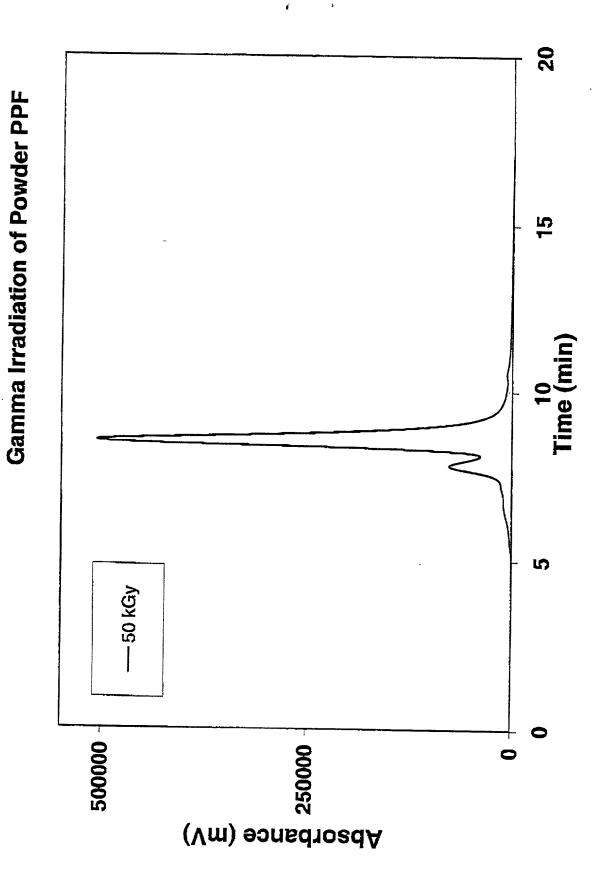


Gamma Irradiation of Powder PPF



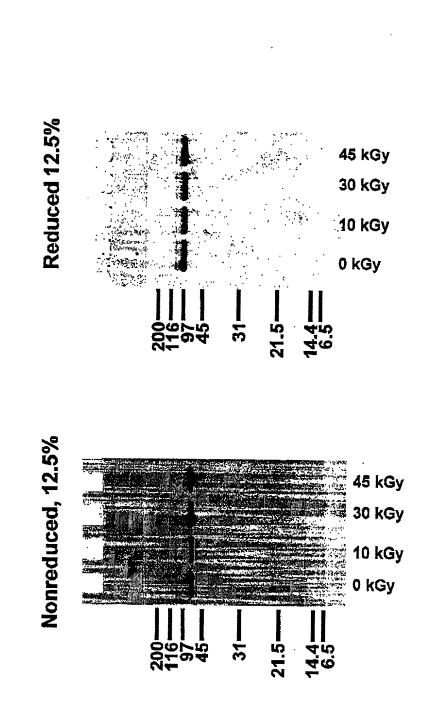
Gamma Irradiation of Powder PPF 16 2 —30 kGy 2 500000 -Absorbance (mV)

DISTRIBUTE DESTINA



50 Method 2 Gamma Irradiation of PPV in PPF by Irradiation at ■ Method 1 45 \$ 35 30 Radiation Dose (kGy) **-800C** 25 2 15 10 Ŋ TCID50 Viral Titer (Log10) 8 6 ന N

# Gamma Irradiation of PPF By Method 2



### 083101.alb.04/ 073001.jla.016 Gamma Irradiation of PPF By Method 1

Nonreduced, 12.5%

